

**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR UTILITY PATENT APPLICATION**

Attorney's Docket No.

032590-055

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION ENTITLED:

MAGNETO-OPTICAL RECORDING MEDIUM, MANUFACTURING METHOD THEREOF AND

MAGNETO-OPTICAL DATA RECORDING AND PLAYBACK DEVICE

the specification of which

(check one)

☒ is attached hereto;

☐ was filed on \_\_\_\_\_ as

Application No. \_\_\_\_\_

and was amended on \_\_\_\_\_;  
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE OFFICE ALL INFORMATION KNOWN TO ME TO BE MATERIAL TO PATENTABILITY AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (as amended effective March 16, 1992);

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application(s) on which priority is claimed:

## COMBINED DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No.

032590-055

COUNTRY/INTERNATIONAL	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
PCT	PCT/JP99/04674	30/08/1999	YES <sup>X</sup> NO__
Japan	Patent 10-244156	28/08/1998	YES <sup>X</sup> NO__
Japan	Patent 11-095518	01/04/1999	YES <sup>X</sup> NO__

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

William L. Mathis 17,337  
Peter H. Smolka 15,913  
Robert S. Swecker 19,885  
Platon N. Mandros 22,124  
Benton S. Duffett, Jr. 22,030  
Joseph R. Magnone 24,239  
Norman H. Stepno 22,716  
Ronald L. Grudziecki 24,970  
Frederick G. Michaud, Jr. 26,003  
Alan E. Kopecki 25,813  
Regis E. Sluter 26,999  
Samuel C. Miller, III 27,360  
Ralph L. Freeland, Jr. 16,110

Robert G. Mukai 28,531  
George A. Hovanec, Jr. 28,223  
James A. LaBarre 28,632  
E. Joseph Gess 28,510  
R. Danny Huntington 27,903  
Eric H. Weisblatt 30,505  
James W. Peterson 26,057  
Teresa Stanek Rea 30,427  
Robert E. Krebs 25,885  
Robert M. Schulman 31,196  
William C. Rowland 30,888  
T. Gene Dillahunt 25,423  
Patrick C. Keane 32,858

Bruce J. Boggs, Jr. 32,344  
William H. Benz 25,952  
Peter K. Skiff 31,917  
Richard J. McGrath 29,195  
Matthew L. Schneider 32,814  
Michael G. Savage 32,596  
Gerald F. Swiss 30,113  
Michael J. Ure 33,089  
Charles F. Wieland III 33,086  
Bruce T. Wieder 33,815  
Todd R. Walters 34,040

and:

Address all correspondence to:

Robert E. Krebs, Esq.  
BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

Address all telephone calls to: Robert E. Krebs, Esq. at (650) 854-7400.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

COMBINED DECLARATION AND POWER OF ATTORNEY		Attorney's Docket No. 032590-055
FULL NAME OF SOLE OR FIRST INVENTOR <u>1-02 Akinori Furuya</u>		SIGNATURE <u>Akinori Furuya</u> DATE April 3, 2000
RESIDENCE Tokyo, Japan JPX		CITIZENSHIP Japan
POST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan		
FULL NAME OF SECOND JOINT INVENTOR, IF ANY <u>2-02 Hiroshi Yoshikawa</u>		SIGNATURE <u>Hiroshi Yoshikawa</u> DATE April 3, 2000
RESIDENCE Tokyo, Japan JPX		CITIZENSHIP Japan
POST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan		
FULL NAME OF THIRD JOINT INVENTOR, IF ANY <u>3-02 Takaya Tanabe</u>		SIGNATURE <u>Tanabe Takaya</u> DATE April 3, 2000
RESIDENCE Tokyo, Japan JPX		CITIZENSHIP Japan
POST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan		
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY <u>4-02 Manabu Yamamoto</u>		SIGNATURE <u>Manabu Yamamoto</u> DATE April 3, 2000
RESIDENCE Tokyo, Japan JPX		CITIZENSHIP Japan
POST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan		
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY <u>5-02 Toshifumi Ohkubo</u>		SIGNATURE <u>Toshifumi Ohkubo</u> DATE April 3, 2000
RESIDENCE Tokyo, Japan JPX		CITIZENSHIP Japan
POST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan		

01PPS2180

0000 00A 1.2 01PPS2180

COMBINED DECLARATION AND POWER OF ATTORNEY		Attorney's Docket No. 032590-055	
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY Laurence Bouet		SIGNATURE <i>Bouet</i>	DATE January 31 <sup>st</sup> , 2000
RESIDENCE Toulouse, France <i>FRX</i>		CITIZENSHIP France	
POST OFFICE ADDRESS c/o THE UNIVERSITE PAUL SABATIER, 118 Route de Narbonne, Toulouse Cedex, France			
FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY <i>Philippe Tailhades</i>		SIGNATURE <i>Philippe</i>	DATE January 27 <sup>th</sup> , 2000
RESIDENCE Toulouse, Paris, France <i>FRX</i>		CITIZENSHIP France	
POST OFFICE ADDRESS c/o THE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 3 Rue Michel Ange, Paris, France			
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY <i>Corine Despax-BONNINGUE</i>		SIGNATURE <i>Corine</i>	DATE January 27 <sup>th</sup> , 2000
RESIDENCE Paris, France <i>TOULOUSE FRX</i>		CITIZENSHIP France	
POST OFFICE ADDRESS c/o THE CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3 Rue Michel Ange, Paris, France <i>UPS - 118 route de Narbonne Toulouse France</i>			
FULL NAME OF NINTH JOINT INVENTOR, IF ANY <i>Abel Rousset</i>		SIGNATURE <i>Abel</i>	DATE January 27 <sup>th</sup> , 2000
RESIDENCE Toulouse, France <i>FRX</i>		CITIZENSHIP France	
POST OFFICE ADDRESS c/o THE UNIVERSITE PAUL SABATIER, 118 Route de Narbonne, Toulouse Cedex, France			
FULL NAME OF TENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF ELEVENTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF TWELFTH JOINT INVENTOR, IF ANY		SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			